

# Hemp Quality Assurance Testing **CERTIFICATE OF ANALYSIS**

DATE ISSUED 05/08/2023

#### SAMPLE NAME: Arthridiol - Massage Oil Infused, Topical

## **CULTIVATOR / MANUFACTURER**

**Business Name:** License Number: Address:

## **DISTRIBUTOR / TESTED FOR**

Business Name: Erth, LLC License Number: Address: CA

#### SAMPLE DETAIL

**Batch Number:** Sample ID: 230504P011 Date Collected: 05/04/2023 Date Received: 05/04/2023 Batch Size: Sample Size: 1.0 units Unit Mass: 32 grams per Unit Serving Size:



Scan QR code to verify authenticity of results.

#### **CANNABINOID ANALYSIS - SUMMARY**

Total THC: Not Detected

Total CBD: 3255.072 mg/unit

Total THC/CBD is calculated using the following formulas to take into account the loss of a carboxyl group during the decarboxylation step: Total THC =  $\Delta^9$ -THC + (THCa (0.877)) Total CBD = CBD + (CBDa (0.877)) Sum of Cannabinoids =  $\Delta^9$ -THC + THCa + CBD + CBDa + CBG + CBGa + Sum of Cannabinoids: 3263.072 mg/unit<sup>THCV + THCVa + CBC + CBCa + CBDV + CBDVa +  $\Delta^{8}$ -THC + CBL + CBN</sup> Total Cannabinoids =  $(\Delta^9$ -THC+0.877\*THCa) + (CBD+0.877\*CBDa) + (CBG+0.877\*CBGa) + (THCV+0.877\*THCVa) + (CBC+0.877\*CBCa) + 
 Total Cannabinoids: 3263.072 mg/unit
 (CBG40.077 CBG4) + (CBG4) + (CBG40.077 CBG4) + Δ<sup>8</sup>-THC + CBL + CBN

Density: 0.9248 g/mL

#### SAFETY ANALYSIS - SUMMARY

 $\Delta^9$ -THC per Unit: **PASS** 

For quality assurance purposes. Not a Regulatory Hemp Lab Test Report. These results relate only to the sample included on this report. This report shall not be reproduced, except in full, without written approval of the laboratory.

Sample Certification: California Code of Regulations Title 4 Division 19. Department of Cannabis Control Business and Professions Code. Reference: Sections 26100, 26104 and 26110, Business and Professions Code.

Decision Rule: Statements of conformity (e.g. Pass/Fail) to specifications are made in this report without taking measurement uncertainty into account. Where statements of conformity are made in this report, the following decision rules are applied: PASS - Results within limits/specifications, FAIL - Results exceed limits/specifications.

References: limit of detection (LOD), limit of quantification (LOQ), not detected (ND), not tested (NT)

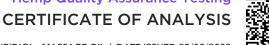


Approved by: Josh Wurzer Title: Chief Compliance Officer Date: 05/08/2023

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# **Hemp Quality Assurance Testing**



ARTHRIDIOL - MASSAGE OIL | DATE ISSUED 05/08/2023

# Cannabinoid Analysis

Tested by high-performance liquid chromatography with diode-array detection (HPLC-DAD).

Method: QSP 1157 - Analysis of Cannabinoids by HPLC-DAD

**TOTAL THC: Not Detected** 

Total THC ( $\Delta^9$ -THC+0.877\*THCa)

#### TOTAL CBD: 3255.072 mg/unit

Total CBD (CBD+0.877\*CBDa)

#### TOTAL CANNABINOIDS: 3263.072 mg/unit

Total Cannabinoids (Total THC) + (Total CBD) + (Total CBG) + (Total THCV) + (Total CBC) +  $(Total CBDV) + \Delta^8$ -THC + CBL + CBN

## TOTAL CBG: 0.704 mg/unit

Total CBG (CBG+0.877\*CBGa)

#### TOTAL THCV: ND

Total THCV (THCV+0.877\*THCVa)

#### TOTAL CBC: ND

Total CBC (CBC+0.877\*CBCa)

#### TOTAL CBDV: 7.296 mg/unit

Total CBDV (CBDV+0.877\*CBDVa)

#### CANNABINOID TEST RESULTS - 05/08/2023

COMPOUND	LOD/LOQ (mg/g)	MEASUREMENT UNCERTAINTY (mg/g)	RESULT (mg/g)	RESULT (%)
CBD	0.004/0.011	±3.7942	101.721	10.1721
CBDV	0.002/0.012	±0.0093	0.228	0.0228
CBG	0.002/0.006	±0.0011	0.022	0.0022
∆ <sup>9</sup> -THC	0.002/0.014	N/A	ND	ND
∆ <sup>8</sup> -THC	0.01/0.02	N/A	ND	ND
THCa	0.001 / 0.005	N/A	ND	ND
THCV	0.002/0.012	N/A	ND	ND
THCVa	0.002/0.019	N/A	ND	ND
CBDa	0.001/0.026	N/A	ND	ND
CBDVa	0.001/0.018	N/A	ND	ND
CBGa	0.002/0.007	N/A	ND	ND
CBL	0.003/0.010	N/A	ND	ND
CBN	0.001/0.007	N/A	ND	ND
СВС	0.003/0.010	N/A	ND	ND
CBCa	0.001/0.015	N/A	ND	ND
SUM OF CANNABINOIDS			101.971 mg/g	10.1971%

#### Unit Mass: 32 grams per Unit

$\Delta^{9}$ -THC per Unit	1100 per-package limit	ND	PASS
Total THC per Unit		ND	
CBD per Unit		3255.072 mg/unit	
Total CBD per Unit		3255.072 mg/unit	
Sum of Cannabinoids per Unit	7	3263.072 mg/unit	
Total Cannabinoids per Unit		3263.072 mg/unit	

#### DENSITY TEST RESULT

#### 0.9248 g/mL

Tested 05/08/2023

Method: QSP 7870 - Sample Preparation

NOTES CoA Amended Update: Order Details